



*New Zealand Association of Radio Transmitters*

## **ZL1AA - AUCKLAND BRANCH 02**

**SEPTEMBER**

**2017**



**General Meeting**



**SATURDAY SEP. 16 @ 13:30**  
**Working Bee around the QTH**

**Club Room will open at 10:30 AM**  
**BBQ @ 12:00**

**Capt. William (Bill)  
Schlef USMC Rtd.  
ZL1BJN**

**15-Feb-1924  
25-Aug-2017**



**There has been activity on the higher HF bands**

## ZL1AA

**Auckland Branch 02**  
**PO Box 18003**  
**Glen Innes**  
**Auckland 1743**

**[www.qsl.net/zl1aa](http://www.qsl.net/zl1aa)**  
**[ZL1AA@nzart.org.nz](mailto:ZL1AA@nzart.org.nz)**  
**Skype: ZL1AA\_NZ**

## Club Officers

### President:

Wes Printz, ZL3TE  
[ZL3TE@dxer.com](mailto:ZL3TE@dxer.com)  
027 227-7779

### Vice President:

George Marr, ZL1TUJ  
[gmarr@ix.net.nz](mailto:gmarr@ix.net.nz)

### Secretary:

Wallace Bottomley, ZL1WAL  
[ZL1WAL@nzart.org.nz](mailto:ZL1WAL@nzart.org.nz)  
(09) 575-6383

### Treasurer:

Jeff Lowe ZL1TOU  
[jeffjanet51@gmail.com](mailto:jeffjanet51@gmail.com)  
(09) 630-0213

### Elected Members:

Gwynne Rowe, ZL1AAR  
[rgwynne.rowe@xtra.co.nz](mailto:rgwynne.rowe@xtra.co.nz)  
(09) 528-1177

Ray Chapman, ZL1AJR  
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(09) 528-5410

Steve Miller, ZL1FS  
[dion4cy@gmail.com](mailto:dion4cy@gmail.com)  
(09) 908-5589

Japie Nel, ZL1JJN  
[jjnel@orcon.net.nz](mailto:jjnel@orcon.net.nz)

Logan Nicoll, ZL1LMN  
[chillistick@gmail.com](mailto:chillistick@gmail.com)  
021 0271-5660

## ZL1AA Information:

Branch 02 Clubroom is located at  
400 St Johns Road  
St Heliers, Auckland  
(Off the main road)

Google Earth:  
36.869730s, 174.843860e

Clubroom is open every Saturday from  
1030 hrs. for members and guests to drop  
by for coffee and a chat!

General meetings are held on the third  
Saturday of each month at 1330 hrs.  
(except Dec / Jan).

Committee meetings are held on the first  
Tuesday of each month at 1930 hrs. ALL  
paid members are welcome to attend.

### Affiliations:

10-10 International  
NZART  
AMSAT-ZL

### Club nets:

Thursday:  
145.775 MHz @ 1930 Steve, ZL1FS NCO  
HF Net on Hiatus

10-10 Down Under Chapter Net:  
28.530 MHz 2230Z Fridays  
(1030 NZST Saturdays)

## Branch Contacts:

Gwynne Rowe, ZL1AAR  
(09)-528-1177

## Branch Examiners:

Steve Miller, ZL1FS  
021 0226-4981  
Wallace Bottomley, ZL1WAL  
(09) 575-6383

Wes Printz, ZL3TE  
027 227-7779

## Web Master:

Andrei Chatalov, ZL1TM  
[achatz@gmail.com](mailto:achatz@gmail.com)

## Librarian:

Gwynne Rowe, ZL1AAR  
(09)-528-1177

## Station Trustees:

George Marr, ZL1TUJ  
Wes Printz, ZL3TE

## Branch Technical Advisers:

Simon Watt-Wyness, ZL1SWW  
[sww@eagle.co.nz](mailto:sww@eagle.co.nz)



## SUBSCRIPTIONS

### ❖ Subscription Rates:

Regular ..... \$45 (discounted with a \$5.00 raffle ticket if paid by 28th Feb 2017)  
Youth Rate ..... \$20

❖ Post to PO Box 18003, Glen Innes, Auckland 1743, direct credit may be made into our bank account **12-3047-0076823-00** or pay the Treasurer or Secretary at the clubrooms.

❖ A pro rata rate is offered to a new member joining part way through the year. The financial year runs from 1 November 31 October

❖ Receipts will be distributed either in person at meetings or via mail/E-mail.

❖ Branch financial year currently runs from 1 December to 30 November.

❖ A current Membership Application / Renewal Form is required with all payments to assist with accurate record keeping. Available from the Secretary, or by download [http://www.qsl.net/zl1aa/br02\\_mem\\_form.pdf](http://www.qsl.net/zl1aa/br02_mem_form.pdf)

❖ All members' information is kept confidential unless approval is given for it to be released.

Newsletter material submissions are welcomed and appreciated by your editor. You may submit material in a variety of file formats: .TXT .DOC, or just plain old E-mail. Photos are accepted also. Please submit material via E-Mail to: ZL3TE @ dxer.com I will use what I can with the space available at the time of newsletter editing.

## From The Chair...

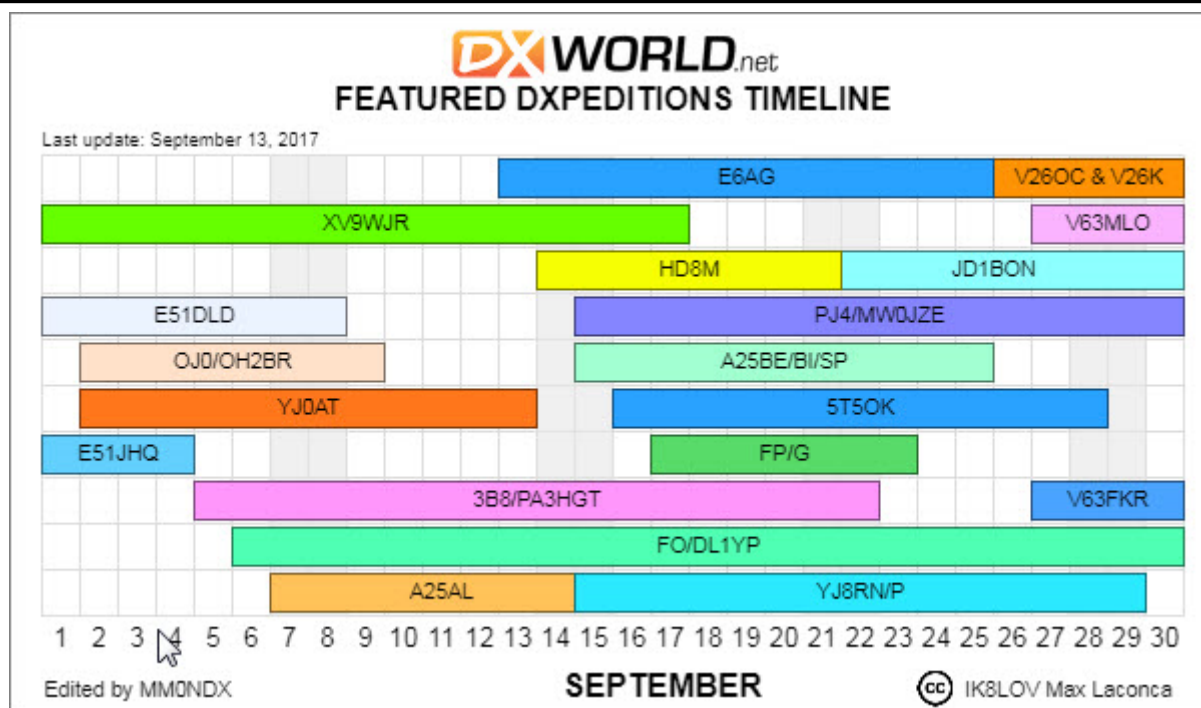
It is with a heavy heart we have to report on Bill, ZL1BJN who became a Silent Key on Aug 25. Born in St Louis, MO, Not only was Bill a Life member of ZL1AA, he was also a Retired U.S Marine Corps Captain of the 2nd Division, and past Master of Freemasons Masonic Lodge 222 in Manurewa. Selwyn, ZL1BRC, Gwynne, ZL1AAR, Ray, ZL1AJR and Wallace, ZL1WAL were in attendance at Bill's service.

We will observe a minute of silence for Bill.



The bands have been in decent shape the past week and a half with the sudden appearance of some active Sunspots, resulting in some large Flares. The SFI jumped to 144, with the A index in the high 80s. Once the A settled, 10, 12, 15, and 17M opened. There was a lot of activity. I was able to work and log many stations on the higher bands using the new digital mode FT8. This is a very spectrum wise, and fun mode. I have been able to operate FT8 with my home station remotely from work during my lunch breaks, so I don't miss the high band openings.

73, Wes, ZL3TE



Looking for something to do on the weekend? Need to fill some more DXCC Challenge slots? work new Countries, work new modes? Why not operate a short while in a contest. There are several to choose from. More Information can be found here:

<http://www.hornucopia.com/contestcal/weeklycont.php>

### SEP 13-20

- SARL VHF/UHF Analog / Digi Contest: Sep 16 / 17
- Scandinavian Activity Contest, CW: Sep 16 / 17
- All Africa Int'l DX Contest: Sep 16 / 17
- Iowa QSO Party: Sep 16 / 17
- New Hampshire QSO Party: Sep 16 / 17
- New Jersey QSO Party: Sep 16 / 17

### SEP 21-28

- **CQ Worldwide DX Contest, RTTY: Sep 23 / 24**
- Maine QSO Party: Sep 23 / 24
- Texas QSO Party: Sep 23 / 24
- SKCC Sprint: Sep 27
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**Every Month: NZART Official Broadcast: 3900 kHz LSB last Sunday of month at 2000hrs and at 2100hrs. (Also broadcast on the National Link and available on the NZART Website).**

# Auckland Branch 02, NZART (Inc.)

## Minutes of September Committee Meeting

**Place / Date / Time:** Clubroom, Tuesday, 5<sup>th</sup> September 2017 at 1930 hours

**Attendees:** Wes ZL3TE presiding; Wallace ZL1WAL, Jeff ZL1TOU, Gwynne ZL1AAR, Japie ZL1JJN, Ray ZL1AJR and Olivier ZL1SX

**Apologies:** Steve ZL1FS, Logan ZL1LMN, George ZL1TUJ Sustained ZL1WAL / ZL1AJR

**Minutes:** of the previous Committee meeting on Tuesday 1<sup>st</sup> August 2017  
Having been circulated, taken as read and approved. ZL1JJN / ZL1AJ R

### Correspondence:

Newsletters: Franklin, North Shore (by post); Hibiscus Coast; Western Suburbs; Auckland VHF Group (by e-mail)

Branch reflector of Newsletters from North Canterbury, Hastings / Napier, Rotorua, Hamilton, Gippsland, ZS,

Andrei – expect winner's plaque of Russian CW Contest 2016. (Andrei operated as ZL1AA.)

Branch 27, New Plymouth Amateur Radio Club is celebrating its 90th birthday on September 23rd 2017

Melbourne ARDF- reports from team going to the Region 3 ARDF competition at Moldavia .

They are participating in the Region 1 events in USA.

Melbourne selling 80m ARDF receiver kits for \$170. (Wes has seen loop receivers - \$335.00!)

Wes – Hamilton market day report

Logan - suggesting fix so that RCForb client may be demoed at clubroom. Received and approved ZL1WAL / ZL1TOU

### Finance:

Finance Report – Nov 2016 – 31<sup>st</sup> Aug 2017.

Received ZL1WAL / ZL1TOU

Sale of junk ex ZL 1AOC realized so far, about \$1,200.00

Donation by Ray for bulb and planks for back steps \$170.00 (actual cost was \$100 + \$54)

Expenses requiring approval for payment:

			<u>Paid</u>	<u>Balance</u>
Wallace	Junk ex ZL1AOC	\$500.00	\$300.00	\$200.00
Wallace	Bulb, planks, etc.	\$100.00		\$100.00
Gwynne	Paint	\$54.00	\$54.00	
Wes	Rotor control cable	\$300.00	\$300.00	
Wes	Dumping fee	\$230.00	\$100.00	\$000.00

Approved; balance to be paid next month ZL1TOU / ZL1WAL

### General Business:

#### Reports:

##### Maintenance outstanding:

Power outlets on South and East side of building - wire routed but not terminated

Water pipe to be extended and buried.

Ground surrounding Nally tower is to be leveled

Font steps – a flight has been donated by Ray; another set is in Steve's lockup

Painting west wall (paint and brushes available)

Down spouting needs to be secured.

**Rubbish** that had been loaded into trailer (1.2 tons) and was dumped by Wes.

Vote of thanks ZL1WAL / ZL1AAR

**Back steps platform** has been renewed by Steve; painted by Gwynne; financed by Ray

Vote of thanks ZL1WAL / ZL3TE

**AREC:** Whangarei Car Rally still uses AREC. Most other events have been taken over by commercial firms.

**QSL:** More cards delivered from ZL1 bureau, but cards for non-Members will be returned.

**Log books:** Some old books were found under HF1 desk. Wes to will enter these on LoTW.

**Nets:** Thursdays 1930 hours VHF; still getting too few check-ins.

**Membership:** Life Member, Capt Bill Schlef, ZL1BJN became a SK 25 Aug. Funeral in Purewa Fri 8 Sept.

**Phone line:** Skinny is not suitable as ISP (discussed with Simon); Simon is asked to select and contract to an alternative ISP or continue with pay as we go with 2° (subject to consent with Soren ZL1SKL) or buy our own. Meanwhile cancel Vodafone (monthly contract) which is no longer being used and is wasting money.

##### Computers / LAN:

**Plaque:** Winner of Russian DX CW contest for 2016 will be mounted on wall when it arrives from Sharapovo, via Moscow and Novosibirsk.

**Meter reading:** 50228.9

### Remotely controlled station

The Policy document was circulated to the Committee. Wes suggested simplifications and clarification. These were supported. Operating instructions should be a separate document, where the user elects to use either Selwyn's guidelines or the Manual provided by RCForb. Instructions to restart the Remote will be pasted on the wall above it. Wallace will redraft the policy document and circulate it for further consideration.

(Sep. Committee Meeting Minutes Continued on page 5)



### Antennas:

Base of tri-band tower needs re-affixing

Trench for coax and control cable needs to be dug toward NE corner of clubroom taking care around the electric and phone line cables that are buried there. Thereafter it will be tacked to the floor joists and enter below HF1 position.

Tower at Murrays Bay is ready to be taken down; transport later.

### Future Events:

Suggestions for entertainers / speakers for general meetings 2017

Intruder watch monitor - John Martin ZL1GWE

Test instrument demo - Steve

Demo of Digital modes - Wes

SOTA expedition - Soren ZL1SKL to plan and advertise.

Tips on contesting before JWFD – Selwyn

JOTA Branch 29 need our members to QSO with 500 scouts expected on Labour Day weekend October.

ARDF Inter-branch Competition is to be scheduled.

Musick Point Radio Society Branch - ARDF talk by ZL1WAL and event – not yet scheduled.

The meeting concluded at 2145 with supper provided by Ray ZL1AJR

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## It's ALIVE !!

For those not aware, The Sun has been very active the past week with several large flares. An X9.3 flare (R3- Strong radio blackout) occurred on 6 September at 1202 UTC. This flare followed an X2.2 flare (R3 also) at 0910 UTC. The source region for both flares was Region 2673. Radio emissions suggest a coronal mass ejection (CME) may be associated with the X9.3 flare. The upper HF bands have had some activity.

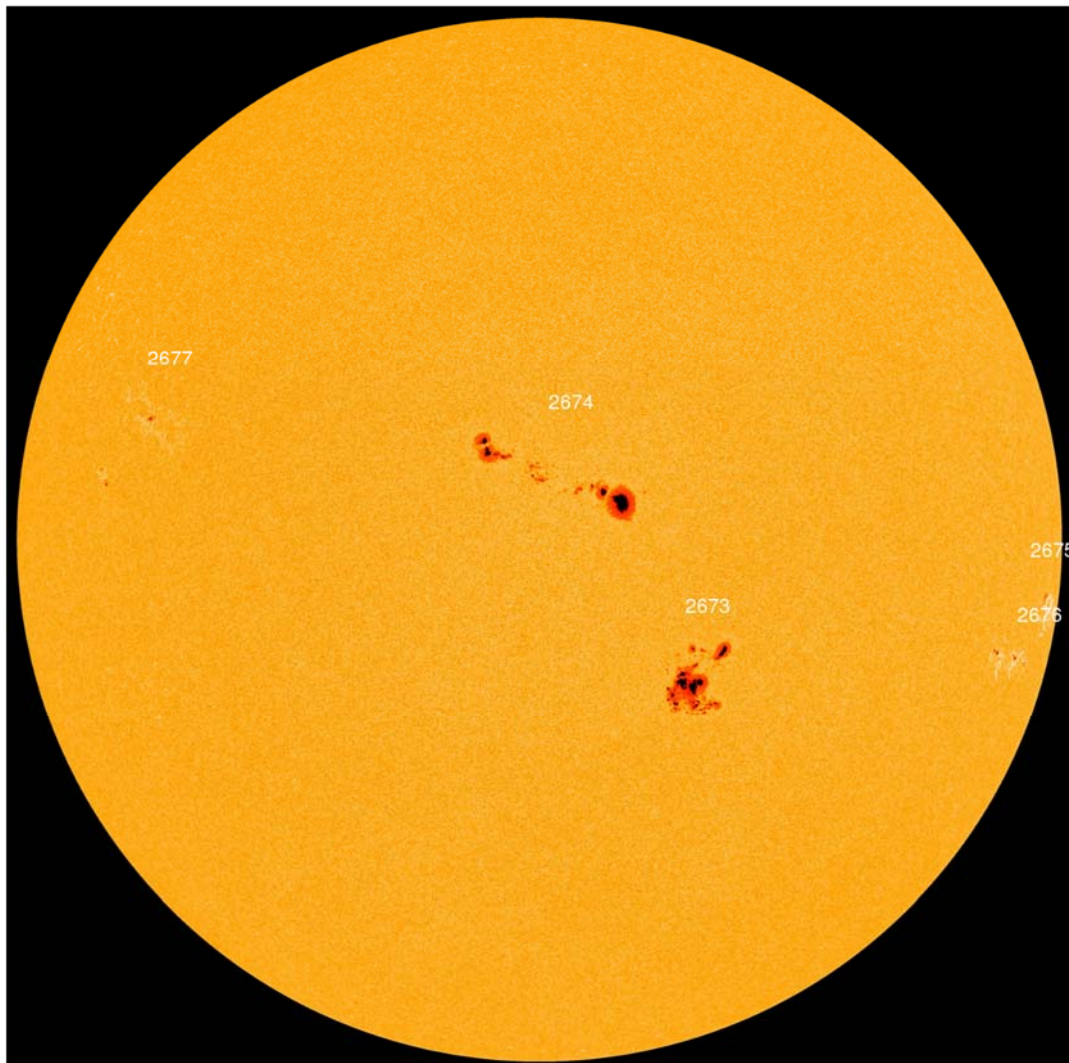


Image:  
05-Sept  
2017

## Minimum qualifications of Radio Amateurs

ITU Recommendation M.1544 defines minimum levels of operational and technical knowledge for a person wishing to operate a station in the amateur services. The recommendation is set at a level that would seem to encompass all existing Entry Level licences. It appears that even a sub-set of the existing UK Foundation syllabus could still meet the minimum requirements. You can download ITU Rec M.1544 from:

<https://www.itu.int/rec/R-REC-M.1544-1-201509-I/en>

New Zealand's amateur radio licence, the General User Radio Licence, quotes Recommendation M.1544 as a requirement for visitors wishing to operate under the terms of the GURL for up to 90 days. Operation in New Zealand by overseas amateurs is covered in Clause 7 of the GURL which can be downloaded from

<https://www.rsm.govt.nz/about-rsm/spectrum-policy/gazette/gurl/amateur-radio-operators>

<https://gazette.govt.nz/assets/pdf-cache/2017/2017-go2423.pdf>

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## Launch of New IOTA Website



The time has come to tell you of the launch of the new IOTA website [www.iota-world.org](http://www.iota-world.org) and the software system that in future will run the IOTA Program.

The Big Day will be 14 September. In preparation to moving IOTA to its new website we are disabling user logins on the RSGB IOTA website at 0800 UTC on 12 September 2017. When the new website is online you will be redirected there automatically and you will be able to log in with the same credentials as you use now on the current IOTA website. You can choose your language by selecting one of the flags then. We hope that you enjoy getting to know the new website and all that it has to offer. Our help point is at [info@iota-world.org](mailto:info@iota-world.org)

### Calling Software Developers

Software developers should be aware that the move to the new website may affect any application using data from [www.rsgbiota.org](http://www.rsgbiota.org) since this website will shortly be taken offline. Please contact us at [info@iota-world.org](mailto:info@iota-world.org) if your software uses data from [www.rsgbiota.org](http://www.rsgbiota.org) and you want to have access to this kind of data in the future.

### Reporting Program Growth

In July we celebrated the first anniversary of the introduction of crediting QSO matches with logs on Club Log. Introduced on the existing software, it has already been hugely successful in increasing the volume of credits given by 70%, providing evidence that it meets the wishes of a significant part of the IOTA community for this kind of development. Needless to say, it has boosted the financial viability of the program. Currently some 54% of all credits given so far in 2017 were for QSO matches, a figure that we believe will increase once participants get used to the new software. Paper cards submitted are down 20% suggesting replacement with electronic confirmations which from a very low figure for IOTA Contest matches has spiraled from 4,036 to 32,878 credits. This is just the beginning.

G3KMA, 12 Sep 2017